

IN THE CLAIMS

The pending claims as reproduced here for the convenience of the Examining staff, replace all prior listings of Applicant's claims. Amend claim 38, as follows:

Claims 1 - 11. (Canceled)

1 12. (Previously Presented) A time indicator, comprising:

2 a movement element; and

3 a flying tourbillon module, said flying tourbillon module being visible from a dial
4 side of said movement element;

5 said flying tourbillon module comprising a cantilevered bearing that supports said
6 flying tourbillon module;

7 wherein said flying tourbillon module comprises an independent element relative
8 to said time indicator, and said flying tourbillon module is removably separable as said
9 flying tourbillon module from said movement element via a rear side of said time
10 indicator.

1 13. (Previously Presented) The time indicator of claim 12, said flying tourbillon
2 module comprising:

3 a balance bridge;

4 a collet forming a cage with said balance bridge; and

5 a balance disposed in said cage between said collet and said balance bridge

1 14. (Previously Presented) The time indicator of claim 13, wherein said bearing
2 means comprises a single ball bearing.

1 15. (Previously Presented) The time indicator of claim 13, said flying tourbillon
2 module further comprising a shaft on which said balance is mounted, said shaft having an
3 end, said bearing means comprising a bearing positioned a distance from said end of said
4 shaft at a level of a center of gravity of said flying tourbillon module.

1 16. (Previously Presented) The time indicator of claim 13, wherein said collet has
2 a diameter greater than a diameter of any other element so as to define a space
3 requirement in a plane of the time indicator.

1 17. (Previously Presented) The time indicator of claim 13, wherein said balance is
2 arranged eccentrically within the cage.

1 18. (Previously Presented) The time indicator of claim 13, wherein said flying
2 tourbillon module further comprises a shaft on which said balance is mounted, a cannon
3 surrounding said shaft, and a tourbillon bridge on which said collet is disposed, and
4 wherein said balance bridge, said collet, said balance, said bearing means and said

5 tourbillon bridge form an integral unit supporting regulatory elements of said time
6 indicator.

1 19. (Previously Presented) The time indicator of claim 17, wherein said regulatory
2 elements include an oscillator shaft having an end, said bearing means comprising a
3 bearing positioned between a plane of said end of said oscillator shaft and a plane of a
4 center of gravity of said flying tourbillon module.

1 20. (Previously Presented) The time indicator of claim 13, wherein said balance
2 bridge is formed of one of a transparent material and a semi-transparent material so as to
3 serve as a second hand of said time indicator.

1 21. (Previously Presented) The time indicator of claim 13, wherein said balance
2 bridge carries at least one of precious stones, precious metals and ornaments so as to
3 serve as a second hand of said time indicator.

1 22. (Previously Presented) The time indicator of claim 12, wherein said flying
2 tourbillon module is positioned in a plane of a dial of the time indicator and is visible
3 from the dial side of the time indicator in one of a six o'clock position and a twelve
4 o'clock position.

1 23. (Previously Presented) The time indicator of claim 12, said time indicator
2 including a dial, said flying tourbillon module being positioned in said movement
3 element in a raised manner relative to said dial.

1 24. (Previously Presented) A method of assembling a time indicator with a
2 balance spring flying tourbillon, comprising the steps of:

3 (a) providing the time indicator with a movement element and regulatory
4 elements;

5 (b) providing a flying tourbillon module comprised of a plurality of elements
6 forming an integral module supporting the regulatory elements; and

7 (c) mounting the flying tourbillon module in the movement as said integral module
8 removably separable from the movement element.

1 25. (Previously Presented) The method of claim 24, wherein the plurality of
2 elements of said flying tourbillon module comprises at least one of a balance bridge, a
3 collet, a balance, a cannon, a bearing, and a tourbillon bridge.

1 26. (Previously Presented) The method of claim 24, wherein step (b) comprises
2 assembling said flying tourbillon module as a separate component relative to said
3 movement element and said regulatory elements of said time indicator.

1 27. (Previously Presented) The method of claim 24, wherein said flying tourbillon
2 module is separable from said time indicator and is thereby adjustable outside the
3 movement element of said time indicator.

1 28. (Previously Presented) The method of claim 24, wherein step (c) comprises
2 inserting the flying tourbillon module from a side of the movement element opposite to a
3 dial side of the time indicator.

1 29. (Previously Presented) The method of claim 28, wherein step (c) further
2 comprises inserting the flying tourbillon module into an opening in the movement
3 element.

1 30. (Previously Presented) The method of claim 29, wherein step (c) further
2 comprises fixing the flying tourbillon module to the movement element on the side of the
3 movement element opposite to the dial side of the time indicator.

1 31. (Previously Presented) The method of claim 30, wherein the plurality of
2 elements of said flying tourbillon module includes a tourbillon bridge, and step (c)
3 comprises fixing the tourbillon bridge of said flying tourbillon module to the movement
4 element on the side of the movement element opposite to the dial side of the time
5 indicator.

1 32. (Previously Presented) The method of claim 24, wherein step (c) comprises
2 inserting the flying tourbillon module into an opening in the movement element.

1 33. (Previously Presented) The method of claim 24, wherein step (c) comprises
2 fixing the flying tourbillon module to the movement element on a side of the movement
3 element opposite to a dial side of the time indicator.

1 34. (Previously Presented) The method of claim 24, wherein the plurality of
2 elements of said flying tourbillon module includes a tourbillon bridge, and step (c)
3 comprises fixing the tourbillon bridge of said flying tourbillon module to the movement
4 element on a side of the movement element opposite to a dial side of the time indicator.

1 35. (Previously Presented) The time indicator of claim 13, comprising a shaft
2 supporting said oscillator, whereby said shaft has a first extremity driving into a cannon
3 fixed to the collet and a second extremity driven into the balance bridge.

1 36. (Previously Presented) The time indicator of claim 12, wherein said
2 movement comprises an opening extending from the front to the back of the movement,
3 where by said opening has a diameter which is larger than the diameter of said collect.

1 37. (Previously Presented) The method of claim 25, wherein the collet is arranged
2 within an opening of the movement which extends from the front side to the back side of
3 the movement.

1 38. (Previously Presented) A time indicator with a balance spring, comprising:
2 a movement; and
3 a flying tourbillon module;
4 said flying tourbillon module comprising a cantilevered bearing that supports a
5 flying tourbillon assembly;
6 said flying tourbillon assembly comprising:
7 a balance bridge;
8 a collet forming a cage with said balance bridge;
9 a shaft;
10 a balance mounted on said shaft disposed in said cage between said
11 collet and said balance bridge;
12 a regulator; and
13 a cannon whereto said cage is attached to, wherein said flying
14 tourbillon module is visible from a dial side of said movement;
15 wherein said flying tourbillon module is designed as an independent element
16 relative to said time indicator; and
17 said flying tourbillon module is separable as said flying tourbillon module from

18 said movement element via a rear side of said time indicator.

1 39. (Previously Presented) The time indicator of claim 38, wherein extremities of
2 said shaft comprise anti-shock units.

1 40. (Previously Presented) The time indicator of claim 39, comprising a pallet
2 oscillator with a pallet wheel.

1 41. (Previously Presented) The time indicator of claim 40, comprising an
2 internal toothed crown attached to the balance bridge, whereby said pallet wheel is
3 engaged with said internal toothed crown creating the rotation of the pallet wheel about
4 an axis of said pallet wheel by the motion of the collet.

1 42. (Previously Presented) The time indicator of claim 38, wherein the bearing
2 means is a ball bearing.